

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
1-v-1	One versus One (engagement)
3M	Maintenance Material Management
A/A	Air-to-Air
A/C	Aircraft
A/G	Air-to-Ground
A/S	Air-to-Surface
AAA	AntiAircraft Artillery (generic)
AAAM	YAIM-152 Advanced Air-to-Air Missile (long range Phoenix replacement; cancelled)
AAED	Advanced Airborne Expendable Decoy
AAICV	Amphibious Armored Infantry Combat Vehicle
AAM	Air-to-Air Missile (generic)
AARGM	Advanced Anti-Radiation Guided Missile (concept)
AASTI	Advanced Air-to-Surface Technology Integration
AAW	Advanced Attack Weapon (mmw-guided Maverick)
AAW	Anti-Air Warfare (generic)
AAWS-H	Advanced Antitank Weapon System - Heavy
AAWS-M	Advanced Antitank Weapon System - Medium
AAWWS	Airborne Adverse Weather Weapon System
ABF	Advanced Bomb Family; see JDAM
ABL	Armored Box Launcher (for Tomahawk)
ABL	Armored Box Launcher (Tomahawk)
ABM	Anti-Ballistic Missile (generic)
ABRES	Advanced Ballistic ReEntry System
ACA	Associate Contractor Agreement
ACCM	Advanced Conventional Cruise Missile; see LRCSW
acft.	Aircraft
ACI	Air-Controlled Intercept (generic)
ACM	AGM-129 Advanced Cruise Missile (nuclear)
ACM	Air Combat Maneuvering (generic)
ACMI	Air Combat Maneuvering Instrumentation
ACMR	Air Combat Maneuvering Range
ACO	Airspace Coordination Order
acq	Acquisition
ACW	Advanced Cluster Weapon (not yet defined)
ACW	Anti-Carrier Warfare
ACWP	Actual Cost of Work Performed
AD	Armament Division (Eglin AFB); old term; see MSD
AD	Advanced Development program phase (generic)
AD	Air Defense
ADA	Air Defense Artillery
AdARM	Advanced ARM (not yet defined)
ADCAP	Advanced Capability (torpedo)
ADCC	Air Defense Command Center (generic)
ADIZ	Air Defense Identification Zone
ADL	AN/AWW-13 Advanced Data Link
ADM	Advanced Development Model
ADM-...	Air-launched decoy - ...
ADM	Acquisition Decision Memorandum
ADM-141	TALD (unpowered decoy)
ADU	Air Defense Unit
ADVCAP	Advanced Capability
ADWOC	Air Defense Weapons Operations Center

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<u>Term</u>	<u>Description</u>
ADZ	Air Defense Zone
AEW	Airborne Early Warning (generic)
AFATL	Air Force Armament Test Laboratory, Eglin AFB
AFB	Air Force Base (generic)
AFD	Arm-Fire device (generic)
AFDS	Autonomous Freeflight Dispenser System (USAF CI-class wpn based on German DWS)
AFMSS	Air Force Mission Support System (similar to Navy TAMPS)
AFOTEC	Air Force Operational Test & Evaluation Center
AFTI	Advanced Fighter Technology Integration
AFV	Armored Fighting Vehicle (generic)
AFX	Next generation strike aircraft (TBD)
AGB	Autonomous Guided Bomb
AGC	Automatic Gain Control
AGCW	Autonomous Guidance for Conventional Weapons
Agile	AIM-95 AAM (cancelled)
AGL	Above Ground Level (generic)
AGL	Above Ground Level
AGM-...	Air-to-Ground Missile (generic)
AGM- 12	Bullpup missile (obsolete)
AGM- 45	Shrike ARM
AGM- 53	Condor missile (never produced)
AGM- 62	Original designation for Walleye; nomenclature not in wide use
AGM- 65A, B	Maverick, TV-guided (USAF)
AGM- 65C	Maverick, Laser-guided (USAF version; cancelled)
AGM- 65D	Maverick, IR-guided (USAF)
AGM- 65E	Maverick, Laser-guided (USMC CAS weapon)
AGM- 65F	Maverick, IR-guided (USN)
AGM- 65G	Maverick, IR-guided (USAF)
AGM- 69	SRAM (nuclear)
AGM- 78	Standard ARM (out of service)
AGM- 83	Bulldog laser-guided ASM (never produced)
AGM- 84A-D	Harpoon antiship missile, air launch (also RGM-, UGM-84)
AGM- 84E	SLAM; land attack variant of Harpoon
AGM- 84H	SLAM-ER
AGM- 86A-B	ALCM (nuclear)
AGM- 86C	Conventional ALCM (non-nuclear warhead)
AGM- 88	HARM
AGM-109	Air-launched Tomahawk, a.k.a. MRASM (cancelled)
AGM-114	Hellfire helicopter-launched missile
AGM-119	Penguin (Mk 2 Mod 7) air-/helo-launched antiship missile
AGM-122	SideARM short-range ARM
AGM-123	Skipper II (boosted LGB); no longer in service
AGM-129	Advanced Cruise Missile (nuclear)
AGM-130	Powered GBU-15
AGM-131	SRAM II (nuclear)
AGM-136	Tacit Rainbow loitering ARM/lethal decoy (cancelled)
AGM-137	Tri-Service Standoff Attack Missile (TSSAM) (cancelled)
AGM-142	Have Nap EO-guided standoff weapon (Israeli design)
AGM-154	Joint Standoff Weapon (JSOW)
AGM-154A	BLU-97/B (CEB) dispenser variant of JSOW
AGM-154B	BLU-108/B (SFW) dispenser variant of JSOW
AGM-154C	BLU-111 / Mk 82 (Unitary warhead) variant of JSOW (with seeker, data link)

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<u>Term</u>	<u>Description</u>
AGW	Autonomous Guided Weapon
AHWS	Advanced Helicopter Weapon System (see also JAWS)
AI	Artificial Intelligence (generic)
AI	Airborne Intercept (radar)
AIM-...	Air Intercept Missile (generic)
AIM- 4	Falcon (obsolete)
AIM- 54	Phoenix
AIM- 7	Sparrow
AIM- 9	Sidewinder
AIM- 95	Agile (cancelled)
AIM- 97	Seek Bat variant of Standard ARM
AIM-120	AMRAAM
AIM-132	ASRAAM (U.K.)
AIM-152	AAAM (cancelled)
AIR	Air Inflatable Retarder (generic)
AIR- 2	Genie AAM (nuclear)
Airhawk	Modified Tomahawk, responding to UK requirement for air-launched CASOM (185" long)
AIWS	Advanced Interdiction Weapon System; replaced by JSOW
AJ	Anti-Jam
ALCM	AGM-86 Air Launched Cruise Missile
ALE	Airborne Chaff Dispenser
ALQ	Airborne ECM Jammer
ALR	Airborne ESM Receiver
ALSS	Air-Launched Saturation (or Suppression) System (decoy/ARM concept)
ALVRJ	Air-Launched Low Volume RamJet (technology demo)
AMRAAM	AIM-120 Advanced Medium Range Air-to-Air Missile
AMS	Anti-Materiel Submissile (USAF)
AMTI	Advanced Missile Technology Integration
AMW	Amphibious Warfare
AN/AWW- 7	Walleye data link pod
AN/AWW- 9	Walleye data link pod
AN/AWW-12	Walleye data link pod
AN/AWW-13	Advanced Data Link (ADL) pod
AN/AXQ-14	USAF Improved Data Link (IDL) pod (old designation)
AN/ZSW-1	USAF Improved Data Link (IDL) pod
ANN	Artificial Neural Network(s) (generic)
AO	Area of Operation
AOA	Angle of Attack (alpha)
AOB	Air Order of Battle
AOC	Air Operations Center
AOR	Aera of Responsibility
AP	Armor Piercing
AP	(Alpha Papa) Strike Warfare Commander
APAM	CBU-59 Anti-Personnel/Anti-Materiel cluster weapon
APBA	Acquisition Program Baseline Agreement
APC	Armored Personnel Carrier (generic)
API	Armor Piercing / Incendiary (ammunition) (generic)
APN	Airborne Navigation Receiver
APPS	Analytical Photogrammetric Positioning System
APR	Airborne Radar Warning and Homing Receiver
APS	Afloat Planning System (for Tomahawk)
APTAAM	Advanced Processor Technology for Air-to-Air Missiles

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<u>Term</u>	<u>Description</u>
APW	Advanced Penetrator Warhead; see I-800
AQ	(Alpha Quebec) Command and Control Warfare Commander
AQM-...	High Altitude, High Speed Target ...
AR	(Alpha Romeo) Air Resource Element Coordinator
ARB	Acquisition Review Board
ARBOC	Airborne Rapid Blooming Chaff
ARG	Amphibious Ready Group
ARH	AntiRadiation Homing (generic)
ARM	AntiRadiation Missile (generic)
ARS	Advanced Rocket System (replacement for 2.75 & Zuni)
AS	Alpha Sierra; antisurface warfare commander
ASALM	Advanced Strategic Air-Launched Missile (cancelled)
ASARG	Autonomous Synthetic Aperture Radar Guidance
ASARS	Advanced Synthetic Aperture Radar System
ASAS	All Source Analysis System
ASAT	Anti-Satellite (generic)
ASCM	AntiShip Cruise Missile (generic)
ASLCM	Advanced Sea Launched Cruise Missile; see LRCSW
ASM	Air-to-Surface Missile (generic)
ASMD	AntiShip Missile Defense (generic)
ASOM	Affordable Standoff Missione (USAF SOAD concept)
ASPJ	Airborne Self-Protection Jammer
ASRAAM	AIM-132 Advanced Short Range Air-to-Air Missile (UK; 192#, 6.5" diam., 114" long)
ASROC	RUR-5 Antisubmarine Rocket
ASTAAM	Advanced Seeker Technology Air-to-Air Missile
ASTI	Air-to-Surface Technology Integration
ASTOVL	Advanced Short TakeOff/Vertical Landing (aircraft concept)
ASuW	AntiSurface Warfare (antiship) (generic)
ASW	AntiSubmarine Warfare (generic)
ASWS	Advanced Strike Weapon System; see SLAM & TSSAM
ATA	A-12 Advanced Tactical Aircraft (cancelled)
ATACMS	Army Tactical Missile System (uses MLRS launch vehicle)
ATARS	Advanced Tactical Air Reconnaissance System
ATB	B-2 Advanced Technology Bomber
ATC	Automatic Target Cuing
ATD	Advance Technology Demonstration
ATE	Automated Test Equipment
ATF	Advanced Technology Fighter (F-22)
ATGW	Anti-Tank Guided Weapon (generic)
ATHS	Automatic Target Handoff System
ATLAS	Advanced Technology LADAR System
ATM	Airborne Training Missile (generic)
ATO	Air Tasking Order
ATS	Advanced Tactical Support (aircraft)
ATSA	Advanced Tactical Surveillance Aircraft (E-2 replacement; cancelled)
AUR	All-Up-Round (generic)
AW	Alpha Whiskey; Anti-Air Warfare Coordinator
AWACS	E-3 Airborne Warning and Control System
AWPGM	Adverse Weather Precision Guided Munition
AWW- xx	see AN/AWW-xx
AX	A-12 follow-on; old term ... see AFX
AX	(Alpha Xray) Anti-Submarine Warfare Commander

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<u>Term</u>	<u>Description</u>
Az	Azimuth
B/N	Bombardier/Navigator
B43	nuclear bomb
B53	nuclear bomb (strategic)
B57	nuclear bomb/depth charge
B61	nuclear bomb
B83	nuclear bomb (strategic)
B90	nuclear depth/strike bomb (replacement for B57)
BAA	Broad Area Announcement
BAC	Budget at Completion
BAI	Battle Area Interdiction (generic)
BARCAP	Barrier Combat Air Patrol
BAT	Terminally-guided anti-armor submunition (mini-missile)
BCU	Bomb Control Unit (for ABF)
BCWP	Budgeted Cost of Work Performed (i.e., earned value)
BCWS	Budgeted Cost of Work Scheduled (i.e., planned)
BDA	Battle Damage Assessment (generic)
BDI	Battle Damage Indication
BDR	Battle Damage Repair
BDU-...	Bomb, Dummy Unit ...
BDU- 8	B43 practice bomb
BDU-20	B57 practice bomb
BDU-33	25-lb practice bomb
BDU-38	B61 practice bomb
BDU-48	10-lb practice bomb (replacement for Mk 106)
BDU-53	B90 practice bomb
BE	Basic (or Bombing) Encyclopedia
BF	Blast-Fragmentation (generic)
BFI	BattleField Interdiction (generic)
BFO	Blinding Flash of the Obvious (US Army term)
BG	Battle Group
BGM-...	Multiple launch platform surface attack missile
BGM- 71	TOW missile
BGM-109	Tomahawk cruise missile family (see also A/R/UGM-109)
BHA	Bomb Hit Assessment
BIA	Bomb Impact Assessment (generic)
BIAS	Bomb Impact Assessment System
Bigeye	BLU-80 binary chemical weapon
BIT	Built-In Test (generic)
BITE	Built-In Test Equipment (generic)
BKEP	BLU-106 Boosted Kinetic Energy Penetrator submunition
BLU-...	Bomb, Live Unit (generic)
BLU- 31	800-lb class penetrator bomb
BLU- 52	Chemical bomb
BLU- 80	Bigeye binary chemical weapon
BLU- 82	USAF 15,000 lb slurry explosive weapon
BLU- 95	500-lb class FAE weapon
BLU- 96	2000-lb class FAE weapon
BLU- 97	Combined Effects Bomblet (CEB)
BLU-106	BKEP concrete penetration submunition
BLU-107	Durandal 500-lb penetrator bomb
BLU-108	SFW submunition

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<u>Term</u>	<u>Description</u>
BLU-109	2000-lb class penetrator warhead (I-2000); item weighs 1950 lbs total
BLU-110	Mk 83 loaded with PBXN-109 (vs H-6); item weighs 920 lbs total
BLU-111	Mk 82 loaded with PBXN-109 (vs H-6); item weighs 480 lbs total
BLU-113	Special deep penetrator warhead for GBU-28 (4000 lb class)
BM/C3	Battle Management/Command, Control and Communications
BMD	Ballistic Missile Defense
BMEWS	Ballistic Missile Early Warning System
BOA	Compressed-carriage Sidewinder tech demo
BOA	Basic Ordering Agreement (contract)
BOC	Bomb On Coordinates mode (generic)
BOGSAT	Bunch Of Guys/Gals Sitting Around A Table (requirements generation technique)
BOTE	Back Of The Envelope (analysis technique)
BQM-...	Subsonic Target (recoverable) ...
BQM-145	see MR-UAV
BRAC	Base Realignment And Closure
BRAC	Base Realignment And Closure
BRIGAND	Bi-static Radar Intelligence Generation And Display
Brimstone	mmw seeker variant of AGM-114 Hellfire
BRU-...	Bomb Rack (or Release) Unit ...
BSU-...	Bomb Stabilization Unit ...
BSU-49	High/low drag stablizer/retarder (AIR) for Mk 82
BSU-50	High/low drag stablizer/retarder (AIR) for Mk 84
BSU-85	High/low drag stablizer/retarder (AIR) for Mk 83
BSU-86	Metal retarder (not Snakeye) for Mk 82
BTG	Basic Target Graphic
BTI	Balanced Technology Initiative (generic)
Bulldog	AGM-83 Laser-guided version of Bullpup; never produced
Bullpup	AGM-12 command-guided missile (obsolete)
Bushwacker	see HVM
BVR	Beyond Visual Range (generic)
BW	Biological Warfare
BY	Budget Year
C	Confidential (security term)
C.G.	Center of Gravity
C-ALCM	see AGM-86C
C/A Code	Coarse/Acquisition Code (GPS term; see also P Code)
C/SCSC	Cost/Schedule Control Systems Criteria
C2	Command and Control
C3	Command, Control and Communications (generic)
C3I	Command, Control, Communications and Intelligence
C4	Command, Control, Communications and Computers
C5	Command, Control, Communications, Computers and Cuning
CAD	Computer-Aided Drawing
CAE	Computer-Aided Engineering
CAG	Carrier Air Group
CALF	(X-32) Common Affordable Lightweight Fighter (ARPA project)
CALOC	Contingency and Limited Objective Conflict (generic)
CALOW	Contingency and Limited Objective Warfare (generic)
CALS	Computer-aided Acquisition and Logistics Support
CANX	Cancelled
CAO	Competency Aligned Organization
CAP	Combat Air Patrol (generic)

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<u>Term</u>	<u>Description</u>
CapTor	CAPtured TORpedo (see Mk 60 mine)
CAS	Close Air Support (generic)
CAS	Calibrated AirSpeed
CASOM	(U.K.) Conventionally Armed StandOff Missile (range > 200 nmi)
CASS	Consolidated Automated Support System
Cat	Catapult takeoff from aircraft carrier
CATFAE	Catapult-launched FAE (for mine clearing)
CATM	Captive Airborne Training Missile
CAVU	Ceiling and Visibility Unlimited (generic)
CB	Chemical / Biological
CBD	Commerce Business Daily
CBR	Chemical, Biological & Radiological (generic)
CBU-...	Cluster Bomb Unit
CBU-55	Low-speed FAE weapon
CBU-59	APAM cluster weapon
CBU-72	High-speed FAE weapon
CBU-78	Gator mine dispenser (cluster weapon)
CBU-87	Combined Effects Munition (i.e., TMD + CEBs)
CBU-88	Smokey smoke munition
CBU-89	Gator mine dispenser (cluster weapon)
CBU-92	Extended Range Antiarmor Munition (ERAM)
CBU-97	SFW anti-armor dispenser weapon
CBW	Chemical/Biological Weapons or Warfare
CCD	Camouflage, Concealment and Deception
CCD	Charge Coupled Device
CCIP	Continuously Computed Impact Point
CCM	Conventional Cruise Missile; see LRCSW
CCM	Counter Countermeasures
CD	Concept Definition program phase (generic)
CDR	Critical Design Review
CDRL	Contract Data Requirements List
CE	Circular Error (generic)
CEB	BLU-97 Combined Effects Bomblet
CEM	CBU-87 Combined Effects Munition (CEBs in TMD dispenser)
CEP	Circular Error Probable (or Circle of Equal Probability)
CFR	Code of Federal Regulations
CG	Cruiser
CGN	Cruiser, nuclear powered
Chaparral	MIM-72 SAM (variant of Sidewinder)
CI	Close-In; very short range standoff regime (generic)
CIC	Combat Information Center
CIFS	Close-In Fire Support (i.e., helo-launched CAS)
CILOP	Conversion In Lieu Of Procurement (generic)
CINC	Commander(s) in Chief
CIP	Coast-In Point (going "feet dry")
CISO	Close-In Standoff (USAF term; oxymoron?)
CIWS	Close-In Weapon System
CLO	Counter Low Observable
CLOS	Clear Line of Sight
CMBRE	Common Munition Built-in-test Reprogrammable Equipment
CMMP	Conventional Munitions Master Plan (formerly JSOWMP?)
CNI	Communications/Navigation/Identification

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<u>Term</u>	<u>Description</u>
CNU-...	Container, Miscellaneous Unit ...
CNWDI	Critical Nuclear Weapons Design Information (security term)
COD	Carrier Onboard Delivery (generic)
COEA	Cost and Operational Effectiveness Analysis
COMPSEC	Computer Security
COMSEC	Communications Security
Condor	AGM-53 missile; never produced
Condor	Boeing HALE UAV
CONOPS	Concept of Operations
CONREP	Connected Replenishment at sea (generic)
CONUS	Continental United States
COSRO	Conical Scan Receiver Only
COTS	Commercial Off-The-Shelf
CP	Control Point
CPA	Closest Point of Approach
CPAF	Cost Plus Award Fee (contract type)
CPIF	Cost Plus Incentive Fee (contract type)
CPR	Critical Process Review
CRLCMP	Computer Resource Life Cycle Management Plan
CRPA	Controlled Reception Pattern Antenna (for GPS)
CSAR	Combat Search and Rescue (generic)
CSE	Common Support Equipment (generic)
CSW	Conventional Strike Warfare (generic)
CTOL	Conventional Takeoff and Landing (generic)
CV	Aircraft Carrier (generic)
CVBF	Carrier Battle Force (generic)
CVBG	Carrier Battle Group (generic)
CVIC	CV (aircraft carrier) Intelligence Center
CVN	Aircraft Carrier, nuclear powered
CVW	Carrier Air Wing
CVw	Crypto Variable Weekly (GPS term)
CW	Chemical Warfare
CW	Continuous Wave
CWC	Combined (or Composite) Warfare Commander
CWW	Cruciform Wing Weapon; see GBU-15
CXU-...	Charge Unit ...
CY	Calendar Year (or current year)
D&V	see DemVal
D/L	Data Link
D2C3	Decoys, Deception, Camouflage, Concealment and Countermeasures
DA	Direct Attack
DAACM	CBU-98 Direct Airfield Attack Combined Munition
DAB	Defense Acquisition Board
DAS	Deep Air Support
DATM	Dummy Airborne Training Missile
dB	decibel (generic)
DBS	Doppler Beam Sharpening
dBsm	decibel with respect to 1 square meter (generic)
DC&T	Detection, Classification and Targeting (generic)
DCA	Defensive Counter Air
DD	Destroyer
DDG	Guided Missile Destroyer

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<u>Term</u>	<u>Description</u>
DEAD	Destruction of Enemy Air Defenses
DECM	Deceptive Electronic Countermeasures
DEFPAT	Defensive Patrol (see also BARCAP)
DemVal	Demonstration & Validation program phase (generic)
DEW	Distant Early Warning
DF	Direction Finding
DGPS	Differential GPS
DIW	Dead In Water
DIWS	Digital Imagery Workstation Suite
DLI	Deck-Launched Interceptor (generic)
DLIR	Downward Looking Infrared
DMA	Defense Mapping Agency
DMMTS	Dual Mode Mobile Targets Seeker
DMSP	Defense Meteorological Satellite Program
DOA	Direction of Arrival
DOC	Desired Operational Capability
DoD	Department of Defense (generic)
DOF	Degrees of Freedom (e.g., 6DOF simulation)
DOP	Development Options Paper; old term
DOP	Dilution of Precision (GPS term)
DPG	Defense Planning Guidance
DPPDB	Digital Point Positioning DataBase
DPSK	Digital Phase Shift Keying
DR	Dead Reckoning (navigation)
DRAAM	Dual Range Air-to-Air Missile (USAF)
DSB	Defense Science Board
DSCS	Defense Satellite Communications System
DSMAC	Digital Scene Matching Area Correlation guidance mode
DSP	Defense Satellite Program
DST	Destructor (generic; land/sea mines); see Mk 36, 40, 41
DSU-...	Detecting Device Unit ...
DSU	Data Storage Unit
DT	Development Test(ing)
DT&E	Development Test & Evaluation
DTC	Design-to Cost
DTD	Data Transport (or Transfer) Device
DTED	Digital Terrain Elevation Database
Durandal	BLU-107 penetrator bomb (French design & mfr.)
DZ	Drop Zone
E&MD	Engineering & Manufacturing Development program phase (replaces FSD)
E3	Electromagnetic Environmental Effects (generic)
EAC	Estimate at Completion
EAS	Equivalent Airspeed (approximates Indicated Airspeed) (generic)
EC	Electronic Combat
ECCM	Electronic Counter-Countermeasures
ECM	Electronic Countermeasures
ECP	Engineering Change Proposal
EDGE	Exploitation of Differential GPS for Guidance Enhancement
EDM	Engineering Development Model
EEPROM	Electronically Erasable Programmable Read Only Memory
EI	Effectiveness Index
EI	Elevation

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<u>Term</u>	<u>Description</u>
ELF	Extremely Low Frequency
ELINT	Electronic Intelligence (generic)
ELO	Extremely Low Observable (see also LO, VLO)
EMC	Electromagnetic Compatibility (generic)
EMCON	Emission Control (generic)
EME	Electromagnetic Effects, or Environment (generic)
EMI	Electromagnetic Interference (generic)
EMP	Electromagnetic Pulse (generic)
EMV	Electromagnetic Vulnerability (generic)
EO	Electro-Optical (generic)
EO/IR	Electro-optical/infrared
EOB	Electronic Order of Battle
EOCM	Electro-Optical Countermeasures
EOD	Explosive Ordnance Disposal (generic)
ER Maverick	Extended Range Maverick concept
ER Walleye	Extended Range Walleye (includes data link)
ERAM	CBU-92 Extended Range Antiarmor Munition
ERAM	ECCM Requirements and Assessment Manual
ERASE	Electromagnetic Radiation Source Elimination
ERDL	Extended Range, Data Link (upgraded Walleye)
ERP	Effective Radiated Power (generic)
ERU-...	Ejector Rack Unit ...
ESA	Electronic Scanned Array (generic)
ESAD	Electronic Safe-Arm Device
ESM	Electronic Support (or Surveillance) Measures
ETA	Estimated Time of Arrival
EW	Electronic Warfare (generic)
EW	Early Warning (radar) (generic)
EX 62	Sea mine (Mk 82 warhead)
EX 63	Sea mine (Mk 83 warhead)
EX 64	Sea mine (Mk 84 warhead)
EX 65	Quickstrike sea mine
Excalibur	Improved version of Tomahawk; see also LRCSW (cancelled)
FAADS	Forward Area Air Defense System
FAAT	First Article Acceptance Test
FAC	Forward Air Controller (generic)
FAC-A	Forward Air Controller - Airborne
FAD	Forward Air Defense
FAE	Fuel-Air Explosive (generic)
FAMMO	Full ammo
FAR	Federal Acquisition Regulations
FARRP	Forward Area Rearming & Refueling Point
FBM	Fleet Ballistic Missile
FC	Fire Control
FCA	Functional Configuration Audit
FEBA	Forward Edge of the Battle Area (generic; see also FLOT)
FEWS	Follow-On Early Warning System
FEZ	Fighter Engagement Zone (generic)
FF	Frigate
FFAR	Folding-Fin Aircraft Rocket (generic)
FFDL	Fighter-to-Fighter Data Link
FFG	Guided Missile Frigate

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<u>Term</u>	<u>Description</u>
FFP	Firm Fixed Price (contract type)
FFSC	Forward-Fired Shaped Charge (generic)
FIM-...	Shoulder-fired SAM
FIM-92	Stinger shoulder-fired surface-to-air missile
Fireye	Mk 77 (or Mk 122) napalm bomb
FIST	Fleet Intelligence Support Terminal
FIUL	Fleet Issue Unit Load
FLIR	Forward Looking Infrared (generic)
FLOT	Forward Line of Own Troops (generic; see also FEBA)
FME	Foreign Materiel Exploitation
FMECA	Failure Mode, Effects and Criticality Analysis
FMS	Foreign Military Sales
FMU-...	Fuze Munitions Unit ...
FOC	Full Operational Capability
FOD	Foreign Object Damage
FODL	Fiber Optic Data Link (generic)
FOFA	Follow-On Force Attack
FOG	Fiber Optic Gyro, or Guided (generic)
FOG-M	Fiber Optic Guided Missile
FOG-S	Fiber Optic Guided Skipper (technology demonstrator)
FOPEN	Foliage Penetration
FOR	Field of Regard (generic)
FOUO	For Official Use Only (security term)
FOV	Field of View (generic)
FRACAS	Failure Reporting, Analysis and Corrective Action System
FRD	Formerly Restricted Data (security term)
FRP	Full Rate Production (program phase)
FRPA	Fixed Reception Pattern Antenna (for GPS)
FRSW	Fast Reaction Standoff Weapon (hypersonic) (USAF)
FSD	Full Scale Development program phase; replaced by E&MD
FSED	Full Scale Engineering Development program phase; replaced by FSD
FWE	Foreign Weapons Evaluation (generic)
FY	Fiscal Year
FYDP	Five Year Defense Program
G.W.	Gross Weight
G-Day	Day the Ground War Began
GAM-83	USAF designation for Bullpup
GAMS	GPS-Aided Munitions
GASM	"Generic Air-to-Surface Missile"
Gator	Land mine dispenser weapon (CBU-78, -89)
GATS	GPS-Aided Targeting System
GBU-...	Guided Bomb Unit
GBU- 8	TV-guided glide bomb, a.k.a. HOBOS
GBU-10	Mk 84 LGB
GBU-12	Mk 82 LGB
GBU-15	Modular guided glide bomb family
GBU-16	Mk 83 LGB
GBU-20	Planar wing variant of GBU-15 (cancelled)
GBU-22	Low Level LGB (LLLGB), Mk 82 variant
GBU-24	Low Level LGB (LLLGB), Mk 84 or BLU-109 variant
GBU-27	2000-lb class LGB (BLU-109) configured for F-117A
GBU-28	4700-lb class very deep penetrator LGB (for F-111)

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
GBU-29	JDAM-1, built by Martin Marietta (may be either Mk 84 or BLU-109 warhead); cancelled
GBU-30	JDAM-1, built by Martin Marietta (Mk 83 warhead); cancelled
GBU-31	JDAM-1, built by McDonnell Douglas (may be either Mk 84 or BLU-109 warhead)
GBU-32	JDAM-1, built by McDonnell Douglas (Mk 83 warhead)
GCI	Ground Controlled Intercept (generic)
GDOP	Geometric Dilution of Precision (GPS term)
GEN-X	Generic Expendable Decoy
Genie	AIR-2 AAM (nuclear)
GFE	Government Furnished Equipment (generic)
GFI	Government Furnished Information (generic)
GFM	Government Furnished Material (generic)
GHz	Gigahertz
GLAT	Government Lot Acceptance Test
GLCM	Ground-Launched Cruise Missile (Tomahawk)
GMTI	Ground Moving Target Indication
GMTT	Ground Moving Target Track
GOB	Ground Order of Battle
GOTS	Government Off-The-Shelf
GP	General Purpose
GP bombs	General purpose bombs (e.g., Mk 80 series)
GPS	Global Positioning System; a.k.a. NAVSTAR
GPU-...	Gun Pod Unit ...
GPU-2	20mm aircraft gun pod
Grand SLAM	CASOM candidate similar to SLAM-ER
Griffon 38	T.I./Short Bros. contender (turbojet-powered JSOW) for UK CASOM
Gryphon	see GLCM
GW Mk x	Guided Weapon Mk x (Walleye)
H-Hour	Specific time (hour) at which operation commences
HALE	High Altitude Long Endurance (UAV)
Hammerhead	JDAP-PIP concept with SAR terminal guidance
HARM	AGM-88 High Speed AntiRadiation Missile
Harpoon	AGM-84 / RGM-84 / UGM-84 antiship missile family
Have	USAF programs carrying Limited Distribution access controls
Have Dash	Advanced air-to-air missile concept(s)
Have Flag	Reported as "USAF long-range, high-speed air-to-surface missile" ??
Have Lite	Lightweight (2500 lb class) variant of AGM-142 Have Nap
Have Mover	SOCID-class air-to-surface weapon concept
Have Nap	AGM-142 large standoff weapon; Israeli design
Have Point	CI-class air-to-surface munition concept
Have Rebound	Bistatic radar concept for air-to-air guidance
Have Slick	Conformal, supersonic dispenser technology demonstrator
Have Torch	IR guidance concept for air-to-air missiles
Have Void	BLU-109 (I-2000) penetrator bomb
Have Wedge	Dual-mode (EO + ARH) guidance demonstration for Maverick
Hawk	MIM-23 SAM
HE	High Explosive(s) (generic)
HEAT	High Explosive / AntiTank (generic)
HEI	High Explosive / Incendiary (generic)
HEL	High Energy Laser (generic)
Hellfire	AGM-114 helicopter-launched weapon
HERO	Hazards of Electromagnetic Radiation to Ordnance (generic)
HF	High Frequency

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
HGV	Hypersonic Guided Vehicle concept
HIC	High Intensity Conflict
HLM	High Leverage Munition (USAF)
HMMWV	High Mobility Multipurpose Wheeled Vehicle ("Hummer")
HOB	Height of Burst (generic)
HOBOS	GBU-8 HOMing BOmb System
HOJ	Home on Jam (generic)
HOTAS	Hands On Throttle And Stick
HPM	High Power Microwave (generic)
HQ	Headquarters
HTOP	Hard Target Ordnance Program
HTW	Hard Target Weapon
HUD	Head-Up Display
HULTEC	Hull to Emitter Correlation
HUMINT	Human Intelligence
HVM	HyperVelocity Missile (anti-armor)
HVU	High Value Unit
HVUCAP	High Value Unit Combat Air Patrol (e.g., fighter escort for AEW or jammer)
HWIL	Hardware In The Loop simulation mode (generic)
HWVT	Hypervelocity Weapon Vehicle Technology
Hydra 70	Replacement for 2.75-inch (~70 mm) FFAR
Hz	Hertz (formerly cycles per second) (generic)
I	Intelligence
I- 800	Improved 800-lb class warhead (see also APW); item weighs 780 lbs total
I&W	Indications and Warning (generic)
I-1000	Improved 1000-lb class bomb
I-2000	BLU-109 Improved 2000-lb class bomb
I-Hawk	Improved Hawk SAM
I-Level	Intermediate Level (i.e., between user and depot)
IADS	Integrated Air Defense System (generic)
IAM	Inertially Aided Munition (bomb guidance kit); now part of JDAM
IAS	Indicated Airspeed (generic)
IAW	In Accordance With
IBAT	Improve BAT (submunition or mini-missile)
ICAD	Intelligence Collection, Analysis and Dissemination
ICAP	Improved Capability
ICBM	Intercontinental Ballistic Missile (generic)
ICD	Interface Control Document
ID	Identification
IDAP	Integrated Defensive Avionics Program (incl. towed decoy)
IDL	USAF Improved Data Link (AN/ZSW-1; formerly AN/AXQ-14)
IFF	Identification: Friend or Foe
IFFN	Identification: Friend, Foe or Neutral
IFR	Instrument Flight Rules (same as IMC) (generic)
IFR	Inflight Refueling
IGM	Inertial Guidance Module
IGTD	Inertial Guidance Technology Demonstration (IAM demo)
IHE	Insensitive High Explosive(s) (generic)
IIR	Imaging InfraRed (generic)
IM	Insensitive Munitions (generic)
IMC	Instrument Meteorological Conditions (same as IFR) (generic)
IMER	Improved Multiple Ejector Rack

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
IMINT	Imagery Intelligence
IMN	Indicated Mach Number (generic)
IMU	Inertial Measurement Unit (generic)
INEWS	Integrated Electronic Warfare System
INS	Inertial Navigation System (generic)
Intel	Intelligence
IOC	Initial Operational Capability
IP	Initial Point (generic)
IPS	Integrated Planning Summary
IPT	Integrated Product (or Program) Team
IR	InfraRed (generic)
IRAD	Independent Research And Development (generic)
IRASM	"Intermediate Range ASM" (tech base concept)
IRBM	Intermediate Range Ballistic Missile (generic)
IRCCM	Infrared Counter Countermeasures
IRCM	Infrared Countermeasures
IRHVTA	InfraRed High Value Target Acquisition
IRIG	Inter-Range Instrumentation Group
IRST	InfraRed Search and Track (generic)
ISAR	Inverse Synthetic Aperture Radar (generic)
ISAS	Intelligent Shelter Attack Submunition
ISPS	Integrated Strike Planning System
ISW	Integrated Strike Warfare
ITALD	Improved TALD concept (see TALD)
ITER	Improved Triple Ejection Rack
ITL	Intent to Launch
ITOW	Improved TOW (see M65 and TOW)
IV&V	Independent Validation & Verification
IW	Information Warfare
J-1000	New 1000-lb class bomb for JAST
J/S	Jammer-to-Signal power ratio (generic)
JAF	Joint Attack Fighter (old term; see JAST)
JASMO	Joint Air-to-Surface Munitions Office
JASMOC	Joint Air-to-Surface Munitions Oversight Committee
JASSM	Joint Air-to-Surface Standoff Missile (i.e., "son of TSSAM")
JAST	Joint Advanced Strike Technology (aircraft); replaced by JSF
JAWS	Joint Advanced Weapon System (replaces AHWS)
JDAM	Joint Direct Attack Munition (see also GBU-29, -30, -31, -32)
JDAP	Joint Direct Attack Program (USAF/USN close-in weapons)
JETS	Joint Emitter Targeting System
JFACC	Joint Forces Air Component Commander
JMCIS	Joint Military Command Information System
JMEM	Joint Munitions Effectiveness Manual
JMRASM	Joint Medium Range Air-to-Surface Missile (see MRASM)
JORD	Joint Operational Requirements Document
JOTS	Joint Operational Tactical System
JPF	FMU-152 Joint Programmable Fuze
JPI	Joint Precision Interdiction
JROC	Joint Requirements Oversight Council
JSAM	Joint Standoff Attack Missile (a McDonnell-Douglas SLAM derivative concept)
JSASM	Joint Standoff Air-to-Surface Missile (a.k.a., "Son of TSSAM")
JSEAD	Joint Suppression of Enemy Air Defenses

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
JSF	Joint Strike Fighter
JSF	Joint Strike Fighter (formerly JAST)
JSIPS	Joint Service Imagery Processing System
JSOR	Joint Service Operational Requirement; old term ... see JORD
JSOW	Joint StandOff Weapon; AGM-154 (formerly AIWS)
JSOWMP	Joint Standoff Weapons Master Plan (replaced by CMMP?)
JSSA	Joint Stealth Strike Aircraft
JSTARS	Joint Surveillance and Target Attack Radar System
JSWMP	Joint Standoff Weapons Master Plan
JT&E	Joint T&E
JTCG	Joint Technical Coordinating Group
JTCTS	Joint Tactical Combat Training System
JTF	Joint Task Force
JTIDS	Joint Tactical Information Distribution System
JTTP	Joint Tactics, Techniques and Procedures
KCAS	Knots Calibrated Airspeed (generic)
KEPD-350	DASA/Bofors contender (DWS39 variant) for UK CASOM
KEW	Kinetic Energy Weapon (for SDI)
KHZ	Kilohertz
KIA	Killed In Action
KIAS	Knots Indicated Airspeed (generic)
KPP	Key Performance Parameter (from a requirements document)
KTAS	Knots True Airspeed (generic)
KTS	Knots
LADAR	Laser Radar (generic)
Lance	MGM-52 SSM
LANDSAT	Land Satellite (NASA/NOAA program)
LANTIRN	USAF Low Altitude Navigation and Targeting Infrared System for Night
LAR	Launch Acceptable Region (generic)
LASER	Light Amplification by Stimulated Emission of Radiation
Lat	Latitude
LAU-...	Launcher, Aircraft Unit ...
LAZ	Launch Acceptable Region (USAF; see also LAR)
LBA	Limit(s) of the Basic Aircraft (or Airframe)
LCC	Life Cycle Cost (generic)
LCCW	Low Cost Composite Weapons
LCS	Low Cost Seeker (for AGM-88 HARM)
LCV	Land Combat Vehicles (generic)
LDGP	Low Drag General Purpose (bombs)
LE	Linear Error (generic)
Lethal Decoy	see AGM-136 Tacit Rainbow
LF	Low Frequency
LFT&E	Live Fire Test & Evaluation
LGB	Laser Guided Bomb
LGM-...	Strategic Ballistic Missile ...
LGM- 30	Minuteman III
LGM-118	Peacekeeper
LGTR	Laser Guided Training Round (not a weapon)
LHD	Amphibious Assault Ship
LHX	Light Helicopter, Experimental
LIC	Low Intensity Conflict
LimDis	Limited Distribution (security term)

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
LIMFAC	Limiting Factor
Limit ...	USN programs carrying limited distribution access constraints (obsolete term)
LLLGB	Low-Level Laser Guided Bomb (see GBU-22, -24)
LLTV	Low Light Level TV (generic)
LLOC	Land Lines of Communication
LLSW	Lethal Loitering Saturation Weapon (generic enhanced Tacit Rainbow concept)
LO	Low Observable (generic)
LOAL	Lock On After Launch (generic)
LOB	Line of Bearing
LOBL	Lock On Before Launch (generic)
LOC	Lines of Communication
LOCATM	Low Cost Advanced Technology Munition
LODIS	Advanced stores dispenser (USAF)
LOG	Logistics
LOGAIR	Logistics Aircraft
Lon	Longitude
Longhorn	Extended range (turbojet powered), mmw seeker Maverick concept
Longshot	Planar wing and INS/GPS guidance kit for TMD (USAF)
LORO	Lobe On Receive Only
LOS	Line of Sight
LPD	Amphibious Assault Transport Dock
LPI	Low Probability of Intercept (generic)
LRAACA	Long Range Air ASW Capability Aircraft
LRASM	"Long-Range ASM" (tech base concept)
LRCCM	Long Range Conventional Cruise Missile (see LRCSW)
LRCSOW	see LRCSW
LRCSW	Long-Range Conventional Standoff Weapon (cancelled)
LRIP	Low Rate Initial Production program phase (generic)
LRU	Line Replacable Unit
LSA	Logistics Support Analysis
LSC	Linear Shaped Charge (generic)
LST	Laser Spot Tracker (generic)
LUU-...	Illumination Unit (flare) ...
LWIR	Long Wave IR (generic)
LZ	Landing Zone
M	Mach number
µm	Micrometer ("micron") (generic)
M 65	TOW / ITOW missile system
M-v-N	Many versus Many (mission-level engagement)
M117	750-lb class GP bomb
M118	3000-lb class GP bomb
M129	750-lb leaflet "bomb"
MAD	Magnetic Anomaly Detection
MAD	Mutually Assured Destruction
MADAM	Multimode Air Defense Attack Missile (concept)
MAE(F)	Mean Area of Effects (fragmentation)
MAG	Marine Air Group
MAGR	Miniaturized Airborne GPS Receiver
MAGTF	Marine Air-Ground Task Force
MAK-...	Miscellaneous Armament Kit
MALD	Miniature Air Launched Decoy (USAF)
MANPADS	Man-Portable Air Defense System (i.e., shoulder-fired SAM)

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
MANTECH	Manufacturing Technology
MAPA	Magazine Arrangement Planning Analysis (or Aid)
MARV	Maneuvering Reentry Vehicle (generic)
MASINT	Measurement and Signature Intelligence
MAT	Medium Attack
MAU-...	Miscellaneous Armament Unit ...
MAU	Marine Amphibious Unit
Maverick	AGM-65 air-to-surface missile family
MAWTS	Marine Aviation Weapons & Tactics Squadron
MBR	Multiple Bomb Rack
MC&G	Mapping, Charting & Geodesy
MCAS	Marine Corps Air Station (generic)
MCDEC	Marine Corps Development & Education Command
MCM	Mine Countermeasures
MEB	Marine Expeditionary Brigade
MEF	Marine Expeditionary Force
MER	Multiple Ejector Rack
METOC	Meteorology / Oceanography
MEU	Marine Expeditionary Unit
MEZ	Missile Engagement Zone (i.e., SAMs) (generic)
MFHBF	Mean Flight Hours Between Failure (generic)
MFHBF	Mean Flight Hours Between Failure
MGM-...	Mobile Guided Missile
MGM-31	Pershing SSM
MGM-52	Lance SSM
MGU	Missile Guidance Unit
MHIP	Missile Homing Improvement Program (dual-mode seeker)
MHz	Megahertz (generic)
MIA	Missing In Action
MIC	Medium Intensity Conflict
MICV	Mechanized Infantry Combat Vehicle
MIDS	Multiplatform Information Distribution System
MIF	Maritime Interdiction Force
MiGCAP	Counter-Fighter Combat Air Patrol
MIIS	Modular Imaging Interpretation System
MIL-...	Military (as in MIL-x-xxxx to designate a military specification or standard)
MILCON	Military Construction
MILSATCOM	Military Satellite Communications
MILSTAR	Military Strategic and Tactical Relay System
MIM-...	Mobile Intercept Missile (SAM)
MIM- 23	Hawk SAM
MIM- 72	Chaparral SAM (variant of Sidewinder)
MIM-104	Patriot SAM
MIO	Maritime Intercept Operations
MIRV	Multiple Independent Reentry Vehicles (generic)
MIS	Management Information System
MITL	Man-In-The-Loop (generic)
MIW	Mine Warfare
Mk	Mark (generic)
Mk 1 Guided Wpn.	Walleye I
Mk 20	Rockeye cluster weapon
Mk 21 Guided Wpn.	ER Walleye I

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
Mk 23 Guided Wpn.	ER Walleye II
Mk 36 DST	Mk 82 destructor (mine)
Mk 4	20mm aircraft gun pod
Mk 40 DST	Mk 83 destructor (mine)
Mk 41 DST	Mk 84 destructor (mine)
Mk 44	Torpedo, air drop (obsolete)
Mk 46	Torpedo, air drop
Mk 5 Guided Wpn.	Walleye II
Mk 50	Torpedo, air drop
Mk 55	Sea mine
Mk 56	Sea mine
Mk 58	13-lb marine marker
Mk 58	Walleye I warhead (LSC type; item weighs 825 lbs total)
Mk 60	Sea mine (CapTor)
Mk 76	25-lb practice bomb
Mk 77	Fireye napalm bomb
Mk 81	250-lb class GP bomb
Mk 82	500-lb class GP bomb
Mk 83	1000-lb class GP bomb
Mk 84	2000-lb class GP bomb (warhead alone weighs 1920 lbs)
Mk 94	500-lb chemical bomb
Mk-106	5-lb practice bomb
Mk-116	Weteye chemical bomb
Mk-122	Fireye napalm bomb (see also Mk 77)
MLRS	Multiple Launch Rocket System
MLV	Memory Loader Verifier
mmw	Millimeter wave (generic)
MNS	Mission Need Statement
MOAT	Missile-Onboard-Aircraft Test
MOBAD	Missile Operating Beyond Air Defenses (USAF SOAD concept)
MODLOC	Modified Location
MOE	Measure of Effectiveness
MOMS	Map, Operator, and Maintenance Station (USMC)
MOO	Measure of Outcome (campaign level)
MOP	Measure of Performance
MOU	Memorandum of Understanding
MQM-8	"Vandal" target drone (converted Talos SAM)
MR-UAV	BQM-145 Medium Range UAV
MRASM	AGM-109 Medium Range Air-to-Surface Missile (cancelled)
MRBM	Medium Range Ballistic Missile (generic)
MRT	Minimum Resolvable Temperature (for IR sensors)
MS	Milestone (sometimes written M/S)
MSD	Munition Systems Division, Eglin AFB
MSER	Multiple Store Ejector Rack
MSL	(above) Mean Sea Level (generic)
msl.	Missile (generic)
MSL	Mean Sea Level
Msn	Mission
MSOW	Modular StandOff Weapon (joint USAF/NATO; cancelled)
MTBF	Mean Time Between Failure (generic)
MTI	Moving Target Indicator
MTTBO	Mean Time to Breakout

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
MTTR	Mean Time To Repair (generic)
MULE	Modular Universal Laser Equipment (manpack laser designator)
MVFR	Marginal VFR (same as MVMC) (generic)
MVMC	Marginal VMC (same as MVFR) (generic)
MW	Mine Warfare (generic)
MWR	Missile Warning Receiver
MXU-...	Miscellaneous Unit ...
NAEW	Naval Airborne Early Warning (generic)
NALC	Navy Ammunition Logistic Code
NAMPS	Night Attack Mission Planning System
NAS	Naval Air Station (generic)
NASP	National Aerospace Plane
NATF	Navy Advanced Technology (or Tactical) Fighter (cancelled)
NATOPS	Naval Air Training & Operating Procedures Standardization
Nav	Navigation
NAVSTAR	Navigation Satellite, Timing and Ranging (see GPS)
NAWC	Naval Air Warfare Center
NAWS	Naval Air Weapons Station
NBC	Nuclear, Biological & Chemical (generic)
NCA	National Command Authority
NCAA	Non-Nuclear Consumables Annual Analysis
NCEA	Non-Combat Expenditure Allowance
NCTR	Non-Cooperative Target Recognition
NDI	Non-Development Item (i.e., existing hardware) (generic)
NDSB	B90 Nuclear Depth / Strike Bomb
NEDT	Noise Equivalent Delta Temperature (for IR sensors)
NGDL	Next Generation Data Link (to be determined)
NGFS	Naval Gunfire Support
nmi	Nautical Miles (generic)
NNOR	Non-Nuclear Ordnance Requirements
NOCONTR	No Contractor access (security term)
NOFORN	No Foreign access (security term)
NRT	Near Real-Time
NSR	NATO Staff Requirement
NSW	Naval Special Warfare
NTDS	Navy Tactical Data System
NTM	National Technical Means
Nuc	Nuclear (generic)
NVG	Night Vision Goggles
O&M	Operations & Maintenance
O&S	Operations & Support
O-Level	Operational Level (i.e., user level)
OAB	Outer Air Battle (generic)
OADR	Originating Agency Determination Required (security term)
OAS	Offensive Air Support
OB	Order of Battle
OBE	Overtaken By Events
OCA	Offensive Counter Air
ODZ	Outer Defense Zone
OFP	Operational Flight Program (aircraft software)
OOA	Out of Area
OOB	Order of Battle

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
OPCON	Operational Control
OPDEC	Operational Deception
OPINTEL	Operational Intelligence
OPLAN	Operational Plan
OPORD	Operational Order
OPSEC	Operations Security (generic)
OR	Operational Requirement; old term ... see ORD
Orca	JDAM-PIP concept with mmw terminal guidance
ORCON	Originator Control (security term)
ORD	Operational Requirements Document
OS	Ocean Surveillance
OT	Operational Test(ing)
OT&E	Operational Test & Evaluation
OTC	Officer in Tactical Command
OTH	Over The Horizon
OTH-T	Over The Horizon Targeting
OTHB	Over the Horizons Backscatter (radar)
Outlaw	USN programs carrying Limited Distribution access constraints; old term; see Limit ...
OZ	Offensive Zone
P Code	Precision Code (GPS term; see also C/A Code)
P(y) Code	See P Code
P&D	Production & Deployment (program phase)
P-JSOW	Turbojet-powered JSOW concept, responding to U.K. CASOM requirement
P3I	Pre-Planned Product Improvement (generic)
Pacq	Probability of Acquisition (generic)
PAD	Positive Arming Device
Patriot	MIM-104 SAM
Paveway	see GBU-10, 12, -16 (Paveway II) LGBs and GBU-22, -24 (Paveway III) LLLGBs
PAWWS	Precision Adverse Weather Weapon System
PB	Penetrating-Blast (generic)
PBF	Penetrating-Blast-Fragmentation (generic)
PD	Project Definition (program phase)
Pd	Probability of Detection
Pd	Probability of Damage, or Destruction (see also Pk)
PDP	Production Data Package
PDR	Preliminary Design Review
Pegasus	GEC/Marconi contender for UK CASOM
PEMP	Program Engineering Management Plan
Pershing	MGM-31 SSM
PEST	Practical Explosive Systems Trainer (for EOD)
PFRT	Pre-Flight Rating Test(s) (for propulsion systems)
PGM	Precision Guided Munition(s) (generic)
Phoenix	AIM-54 long range AAM
PI/DE	Passive Identification/Detection
PIM	Position of Intended Movement
PIP	Product Improvement Program (generic)
PIRAZ	Positive Identification Radar Advisory Zone
Pixel	Picture element (generic)
Pk	Probability of Kill (generic)
PLAID	Precision Location And Identification (of emitters)
PLGR	Precision Lightweight GPS Receiver
PLRS	Position, Location and Reporting System

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
PLSS	Precision Location Strike System
PMBR	Practice Multiple Bomb Rack
PMD	Program Management Directive
POET	Primed Oscillator Expendable Transmitter
POL	Petroleum, oil and lubricants (generic)
POM	Program Objective Memorandum (DoD)
Popeye	Original (Israeli) designation for AGM-142 Have Nap
Popeye Turbo	Rafael contender (turbojet-powered AGM-142) for UK CASOM
POS	Piece of (sugar?)
PPBS	Planning, Programming & Budgeting System
PPDB	Point Positioning Data Base
PRAT	Production Reliability Acceptance Test
PRDA	Program Research and Development Agreement
PRF	Pulse Repetition Frequency
PRI	Pulse Repetition Interval
PRM	Production-Representative Models
PRR	Production Readiness Review
Ps	Probability of Survival , or Success (generic)
PSE	Peculiar Support Equipment (generic)
PTG	Precision Terminal Guidance (generic)
PUP	Pull Up Point
PW	Pulse Width
PWW	Planar Wing Weapon; see GBU-20
QFD	Quality Functional Deployment
QRC	Quick Reaction Capability
Quickstrike	EX 65 sea mine, or strike variant of F-14
R	Reliability (generic)
R&D	Research & Development
R&M	Reliability & Maintainability (generic)
RABFAC	Radar Beacon Forward Air Controller
RAC	Radar Area Correlation guidance mode
RAD	Requirements Analysis Document
RAM	RIM-116 Rolling Airframe Missile (SAM)
RAM	Radar Absorbant Material (generic)
RAM	Reliability, Availability and Maintainability (generic)
Raptor	AGM-142 (formerly "Have Nap") (USAF)
RAS	Radar Absorbing Structure (generic)
RASER	Research Radar and Seeker Emulator
RAWS	Radar Attack Warning System
RBL	Range and Bearing Launch
RCS	Radar Cross Section (generic)
RDF	Radio Direction Finding
RDT&E	Research, Development, Test & Evaluation
REC	Radio Electronic Combat
Recce	Reconnaissance
Recon	Reconnaissance
Redeye	Early shoulder-fired SAM (being replaced by Stinger)
Remora	BDA concept(s) for strike weapons, using deployable "parasitic" devices (USAF)
RESCAP	Rescue Combat Air Patrol
RESCORT	Rescue Escort
REW	Radio Electronic Warfare
RF	Radio Frequency (generic)

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
RFI	Ready for Issue (generic)
RFI	Request for Information (generic)
RFP	Request for Proposal (generic)
RGM-...	Ship-launched SSM
RGM- 84	Ship-launched Harpoon antiship missile
RGM-109	Ship-launched Tomahawk SSM (see also BGM--109)
RHAW	Radar Homing And Warning
RIC	Reinforced Concrete
RIM-...	Ship-launched Radar Intercept Missile (i.e., SAM)
RIM- 2	Terrier SAM (see Standard Missile)
RIM- 66	see Standard Missile
RIM- 67	see Standard Missile
RIM- 7	Sea Sparrow
RIM- 8	Talos SAM
RIM-116	RAM (SAM)
RISTA	Reconnaissance, Intelligence, Surveillance and Target Acquisition
RLG	Ring Laser Gyro (generic)
RO/RO	Roll On / Roll Off
Rockeye	Mk 20 cluster weapon
ROE	Rules of Engagement (generic)
ROR	Range Only Radar
ROTHR	Relocatable Over the Horizon Radar
RPV	Remotely Piloted Vehicle (generic)
RSTA	Reconnaissance, Surveillance and Target Acquisition
RTB	Return to Base
RTF	Return to Force
RTIC	Real-Time Information in the Cockpit
RTV	Recoverable Test Vehicle (T&E tool; not a weapon)
RUR-5	ASROC ASW weapon
RV	Reentry Vehicle (generic)
RWR	Radar Warning Receiver (generic)
S	Secret (security term)
S.A.	Situational Awareness (generic)
S&R	Suspension and Release
S&T	Science & Technology
S-A	Safe-Arm device (generic)
S/N	Signal-to-Noise power ratio, or Serial Number (generic)
SA	Selective Availability (GPS term)
SABMOBILE	SOPD-class concept, based on Have Slick
SAC	Strategic Air Command
SADARM	Seek And Destroy ARMor (submunition)
SAF	Strategic Air Forces
SAF	Safe-Arm/Fire device (generic)
SAG	Surface Action Group (surface combatants; generic)
SAL	Semi-Active Laser guidance (generic)
SAM	Surface-to-Air Missile (generic)
Samson	non-lethal decoy; originally used by Israel (U.S.-built); see TALD
SAR	Synthetic Aperture Radar (generic)
SAR	Search and Rescue (generic)
SAR	Special Access Required (security term)
SASS	Selected Aircraft Service Stores (i.e., nuclear weapons)
SATCOM	Satellite Communications

GLOSSARY OF WEAPONS TERMS

Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
SAV	Strike Attack Vector(s)
SAWIC	Strike and Air Warfare Intelligence Compendium
SC-21	21st Century Surface Combatant ("arsenal ship")
SCIF	Sensitive Compartmented Information Facility
SDI	Strategic Defense Initiative
SEAD	Suppression of Enemy Air Defenses (generic)
SEAL	Sea-Air-Land (special forces)
Seek	USAF programs carrying Limited Distribution access constraints
Seek Bang	Walleye with nuclear warhead (out of service)
Seek Bat	XAIM-97 variant of Standard ARM; not produced
Seek Eagle	F-15 weapons integration program
SEW	Space and Electronic Warfare
SFF	Self-Forging Fragment (generic)
SFW	CBU-97 Sensor Fuzed Weapon, with BLU-108 "Skeet"s
Shadow	See AIWS or JSOW
SHARK	Silent Hard Kill (mission concept)
SHF	Super High Frequency
SHOLS	Single Hoist Ordnance Loading System
Shrike	AGM-45 ARM
SideARM	AGM-122 short-range ARM
Sidewinder	AIM-9 air-to-air missile
SIGINT	Signals Intelligence (generic)
SIGSEC	Signals Security
SINCGARS	Single Channel Ground and Airborne Radio System
SINS	Ship's Inertial Navigation System
SIOP	Single Integrated Operational Plan
SIST	Serviceable In-Service Time
SITREP	Situation Report
Skeet	BLU-108 submunition; part of SFW
Skipper I	Unpowered Skipper LGB (never produced)
Skipper II	AGM-123 boosted LGB; no longer in service
SLAM	AGM-84E Standoff Land Attack Missile (a Harpoon variant)
SLAM +	see SLAM-ER
SLAM-ER	AGM-84H Standoff Land Attack Missile - Expanded Response
SLASH	SAR Land And Sea Homing (seeker)
SLAT	AQM-127A Supersonic Low Altitude Target
SLBM	Sea-Launched Ballistic Missile (generic)
SLCM	Sea Launched Cruise Missile (Tomahawk)
SLEP	Service Life Extension Program (generic)
SLI	Strip Launch Interceptor (generic)
SLMM	Submarine Launched Mobile Mine
SLOC	Sea line of communication/commerce (generic)
SM	Standard Missile (SM-1, SM-2; also RIM-66, RIM-67)
SMAC	Scene Matching Area Correlation guidance mode
SMART	Slot-ring Mixer Array Receiver Technology
Smokeye	CBU-88 smoke munition
Snakeye	Retarded Mk 82 bomb
SNTK	Special Need To Know; replaced by LimDis (security term)
SOA	Speed of Advance
SOAD	Standoff Outside Area Defenses; long range (generic)
SOCID	Standoff Outside Close-In Defenses (generic)
SOJ	Standoff Jammer

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Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
SON	Statement of Need
SOPD	Standoff Outside Point Defenses (generic)
SORD	System Operational Requirements Document
SOTD	Standoff Outside Theatre Defenses (very long range) (generic)
SOW	Statement of Work
SPA	Self Propelled Artillery
Sparrow	AIM-7 air-to-air missile
SPD	System Performance Document
SPDI	Special Discriminant
SPEAR	Strike Projection, Evaluation and Anti-Air Research (part of ONI)
Spec	Specification
SPECAT	Special Category
SPECINT	Speculation Intelligence (generic)
SRAM	AGM-69 Short Range Attack Missile (nuclear)
SRAM II	AGM-131; replacement for SRAM (nuclear)
SRAM-T	Tactical SRAM (nuclear)
SRASM	"Short-Range ASM" (tech base concept)
SRR	System Requirements Review
SSA	Source Selection Authority
SSA	Special Support Activity
SSB	Ballistic Missile Submarine
SSB	Small Smart Bomb (for JAST?) (USAF)
SSBN	Ballistic Missile Submarine, nuclear powered
SSEB	Source Selection Evaluation Board
SSG	Guided Missile Attack Submarine
SSGN	Guided Missile Attack Submarine, nuclear powered
SSM	Surface-to-Surface Missile (generic)
SSN	Attack Submarine, nuclear powered
SSPD	Single Shot Probability of Damage
SSPK	Single Shot Probability of Kill
SST	Smart Submunition Technology
Sta.	Station
STANAG	Standardization Agreement (NATO)
Standard ARM	AGM-78 ARM (Standard Missile variant; out of service)
Standard Missile	SM-1, SM-2, RIM-66, RIM-67 missile family
STAR	System Threat Assessment Report
STD	Standard (as in MIL-STD-xxxx)
Std Msl	see Standard Missile
Stinger	FIM-92 shoulder-fired surface-to-air missile
STK	Strike Warfare (generic) (see also STW)
STM	Supersonic Tactical Missile (cancelled); see also ALVRJ
STOL	Short Takeoff and Landing aircraft (generic)
STORM	12,000 lb pseudo-ballistic strike weapon, based on Pegasus 2nd stage (USAF)
Storm Shadow	British Aerospace/Matra contender (Apache variant) for UK CASOM
STOVL	Short Takeoff/Vertical Landing aircraft (generic)
STU-...	Secure Telephone Unit - ... (e.g., STU-III)
STW	Strike Warfare (generic) (see also STK)
SUAWACS	Soviet Airborne Warning and Control System
Subroc	UUM-44 Sub-to-Sub ASW weapon
SUCAP	Surface Combat Air Patrol (i.e., antiship)
SUU-...	Stores Suspension and Release Unit ...
SUU-11	7.62mm aircraft gun pod

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<u>Term</u>	<u>Description</u>
SUU-23	20mm aircraft gun pod
SUU-25	Flare dispenser
SUU-40	Flare dispenser
SUU-44	Flare dispenser
SV	Satellite Vehicle (generic, but used frequently in GPS discussions)
SW	Software
SWIP	Systems/Weapons Improvement Program (A-6)
SYDP	Six-Year Defense Plan (or Program)
T&E	Test & Evaluation
TA	Target Acquisition mode (generic)
TAAF	Test, Analyze And Fix
TACAIR	Tactical Air operations or aircraft (generic)
TACAWS	The Army Combined Arms Weapon System
Tacit Rainbow	AGM-136 loitering ARM / lethal decoy; cancelled
TACMS	Tactical Missile System (uses MLRS launcher)
TACNUC	Tactical Nuclear (weapon) (generic)
TACOPS	Tactical Air Command Operations
TACPRO	Tactical Procedure(s)
TACRON	Tactical Squadron
TACTS	Tactical Aircrew Combat Training System
TADIL	Tactical Digital Information Link
TALD	Tactical Air Launched Decoy (non-lethal)
Talos	RIM-8 SAM
TAMPS	Tactical Aircraft Mission Planning System
TARCAP	Target Combat Air Patrol (i.e., fighter escort)
TARPS	Tactical Air Reconnaissance Pod System (for F-14)
Tartar	SAM (see Standard Missile)
TAS	True Airspeed (generic)
TASM	BGM-109 Tomahawk AntiShip Missile (sub-/ship-launched)
TBD	To Be Determined
TBIP	Tomahawk Baseline Improvement Program
TBM	Tactical Ballistic Missile (generic)
TCP	Timing Control Point
TDD	Target Detection Device (generic)
TDE	Total Delivery Error
TDI	Target Data Inventory
TDMA	Time Division Multiple Access
TDP	Technical Data Package
TDS	Tactical Data System
TEL	Transporter-Erector-Launcher (generic)
TELAR	Transporter-Erector-Launcher and Radar (generic)
TEMP	Test & Evaluation Master Plan
TENCAP	Technical Exploitation of National Capabilities
TERCOM	Terrain Contour Matching guidance mode
Terrier	RIM-2 SAM (see Standard Missile)
TESS	Tactical Environment Support System
TGSM	Terminally Guided Submunition (generic)
TIK	Telemetry and Instrumentation Kit (incl. encryption as req'd)
TLAM	BGM-109 Tomahawk Land Attack Missile
TLAR	That Looks About Right (preliminary design technique)
TLE	Target Location Error (generic)
TLM	Telemetry (generic)

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<u>Term</u>	<u>Description</u>
TLS	Tactical LADAR Seeker
TLU	Target Location Uncertainty
TM	Telemetry (generic)
TMD	USAF SUU-64 / SUU-65 Tactical Munitions Dispenser
TMMM	Tomahawk Multi-Mission Missile (a.k.a., Block IV)
TMPS	Theatre Mission Planning System (for Tomahawk)
TOA	Time of Arrival
TOD	Time of Day
TOF	Time of Flight
TOJ	Track on Jam
Tomahawk	BGM-/RGM-/UGM-109 cruise missile family
TOO	Target of Opportunity mode (generic)
TOPSCENE	Tactical Operational Preview Scene
TOR	Tentative Operational Requirement; old term
TOT	Time Over Target (generic)
TOW	BGM-71 Tube-launched Optically-tracked Wire-guided msl.
TP	Thermally-Protected (bombs)
TPC	Tactical Pilotage Chart
TPM	Technical Performance Measures
TQL	Total Quality Leadership
TQM	Total Quality Management
TR	see Tacit Rainbow, AGM-136
TRAM	Target Recognition/Attack - Multisensor (A-6)
Trap	Arrested landing on aircraft carrier
TRE	Tactical Receive Equipment
TREE	Transient Radiation Effects on Electronics
TRLG	Tactical Ring Laser Gyro (generic)
TS	Top Secret (security term)
TSCO	Top Secret Control Officer
TSRAM	Tactical SRAM (nuclear)
TSSAM	AGM-137 Tri-Service Standoff Attack Missile (cancelled)
TSTAR	Tomahawk Stops the Advancing Regiment (anti-armor variant of Tomahawk)
TT	Target Track mode (generic)
TTCP	The Technical Cooperation Program (international)
TTR	Target Track Radar (generic)
TU	Tango Uniform; i.e., dead
TV	Television (generic)
TVC	Thrust Vector Control (generic)
Twinhorn	Similar to Longhorn, but using Swedish autonomous IR seeker
TWS	Track While Scan (generic)
TWS	Track While Scan
TY	Then Year
U	Unclassified (security term)
UARV	Unmanned Air Reconnaissance Vehicle
UAV	Unmanned Aerial Vehicle (generic)
UGM-...	Submarine-launched SSM
UGM- 84	Submarine-launched Harpoon antiship missile
UGM-109	Sub-launched Tomahawk SSM (see also BGM-109)
UHF	Ultrahigh Frequency
UHR	Ultra High Resolution
ULQ	Precision Measuring Device
Ulysses	Joint US/Italian strike/antiship weapon effort

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Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
UNITREP	Unit Report(ing)
Unk	Unknown
UNREP	Underway Replenishment at sea (generic)
USA	United States Army or United States of America (generic)
USAF	United States Air Force (generic)
USMC	United States Marine Corps (generic)
USN	United States Navy (generic)
UUM-44	Subroc
UUV	Unmanned Underwater Vehicle
V&V	Verification & Validation
VA	Attack Squadron (VAM = medium, VAL = light)
VAQ	Tactical Electronic Warfare Squadron (e.g., EA-6s)
VAW	Early Warning Squadron (e.g., E-2s)
VERTREP	Vertical Replenishment at sea (generic)
VF	Fighter Squadron (e.g., F-14s)
VFA	Strike Fighter Squadron (e.g., F/A-18s)
VFDR	Variable Flow Ducted Rocket
VFR	Visual Flight Rules (same as VMC) (generic)
VHF	Very High Frequency
VID	Visually Identify
VLA	Vertical Launch ASROC
VLF	Very Low Frequency
VLO	Very Low Observable (generic)
VLS	Vertical Launch System
VMC	Visual Meteorological Conditions (same as VFR) (generic)
VP	Patrol Squadron (e.g., P-3s)
VPK	Visually-Pleasing Kill ("CNN quality")
VQ	Electronic Surveillance Squadron (e.g., EP-3, ES-3)
VS	Sea Control Squadron (e.g., S-3s)
VSTOL	Vertical/Short Takeoff and Landing aircraft (generic)
VTOL	Vertical Takeoff and Landing aircraft (generic)
W	Watts (generic)
W33	nuclear warhead (8" artillery round)
W48	nuclear warhead (155mm artillery round)
W56	nuclear warhead (Minuteman 3)
W62	nuclear warhead (Minuteman 2)
W68	nuclear warhead (Poseidon C3)
W69	nuclear warhead (SRAM)
W70	nuclear warhead (Lance)
W76	nuclear warhead (Trident 1 C4)
W78	nuclear warhead (Minuteman 3)
W79	nuclear warhead, enhanced radiation (8" artillery round)
W80-0	nuclear warhead (Tomahawk TLAM-N)
W80-1	nuclear warhead (ALCM, ACM)
W87	nuclear warhead (MX)
W88	nuclear warhead (Trident 2 D5)
W89	nuclear warhead (SRAM II)
WAC	World Aeronautical Chart
WACBE	World Area Chart Basic (or Bombing) Encyclopedia
WAGE	Wide Area Guidance Enhancement (INS/GPS) (USAF)
Walleye I	1100-lb class TV-guided glide weapon
Walleye II	2500-lb class TV-guided glide weapon

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Naval Air Warfare Center - Weapons Division (NAWCWPNS), China Lake, CA

<u>Term</u>	<u>Description</u>
WAM	Wide Area Mine
WARM	War Reserve Mode (generic)
WAS	War at Sea (antiship); see ASuW (generic)
WBS	Work Breakdown Structure
WCMD	Wind Corrected Munitions Dispenser
WCU-...	Weapons Control Unit ...
WDL	Weapon Data Link
WDT	Weapon Data Terminal (i.e., data link)
WDU-18/B	Harpoon (antiship) warhead; item weighs 490 lbs total
WDU-21/B	HARM warhead
WDU-24/B	Maverick warhead (AGM-65E/F/G); item weighs 300 lbs total
WDU-25/B	Tomahawk (TLAM/TASM) warhead (upgraded large Bullpup B warhead)
WDU-32/B	Penguin warhead (reworked small Bullpup A warhead); item weighs 250 lbs total
WDU-35/B	Advanced Penetrator Warhead (APW, or I-800); item weighs 780 lbs total
WDU-36/B	TLAM-C warhead (titanium case); item weighs 685 lbs total
WDU-37/B	Improved HARM warhead
Weteye	Mk 116 chemical bomb
WGS	World Geodetic System (generic)
WIA	Wounded In Action
WMD	Weapons of Mass Destruction
WNINTEL	Warning Notice: Intelligence Sources & Methods Involved (security term)
wpn.	Weapon (generic)
WPU-...	Weapons Propulsion Unit ...
WRL	Weapon Release Line (generic)
WRM	War Reserve Material
WSESRB	Weapon System Explosives Safety Review Board
WX	Weather
XIMER	Expendable Intelligent Multiple Ejector Rack
Zuni	5-inch FFAR
ZZ	Zulu Zulu; formation center